

# Saumya Agrawal

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## Education

UNIVERSITY OF ILLINOIS URBANA- CHAMPAIGN, URBANA-CHAMPAIGN, ILLINOIS  
*Bachelor of Science in Statistics and Computer Science, Expected graduation, May 2022*

- GPA: 3.68/4.0
- Dean's List: Fall 2018
- Member of the National Honor Society, Alpha Lambda Delta
- Relevant Course Work:  
Computer Science: Java Programming: Data structures, String manipulations, Interface usage, android studio application creation, Json parsing, unit testing, basic gaming consoles, etc.  
C++ programming: basic data structures, loading and parsing files, basic gaming consoles, openFrameworks usage, basic machine learning, linked lists, etc.  
R: Plotting, graphing, correlations, regressions.  
Statistics: Inference formulation with various test statistics (z, t,  $\chi^2$ , F) for multiple or single populations, as well as identifying when to use which. multiple linear and logistical regression, Excel data tools usage, correcting flawed data values, correlation and regression studies.  
Economics: Microeconomics classes relevant for a minor in it.

SHIKSHANTAR, GURGAON, HARYANA

*High School Diploma, May 2018*

- 95% in the Indian Certificate of Secondary Education Board Examinations 2016
- 93.5% in the Indian School Certificate Board Examinations 2018

### STANDARDIZED TESTS

- 1500/1600 SAT score
- 8.5/9 IELTS score

## Work Experience

Research Assistant in the laboratory of Kathryn Clancy (January '19 - present)

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Hired through the Research Initiative Program of the University in the laboratory of a biostatistics and anthropology professor, Kathryn Clancy.

Key Contributions:

Designed and created website: Clancylabs.com

Correlation Study on the different aspects of identity for Polish/Polish-American Women

Data Organization and analysis for Katie Lee's study on Polish/Polish-American Women

Intern, May 2018 – Jun 2018

INDEPAY, GURGAON, HARYANA

Indepay is a Financial-Technology firm in India and Indonesia. Their primary focus is on acting as a technological intermediary between banks and small, medium, and micro enterprises in India.

Key Contributions:

Verifying their products against the economic guidelines of the central bank of India

Redoing the employee manual

## Additional Skills

- Basic knowledge of SQL, HTML, and Python.
- Basic knowledge of Swing Dancing.
- Distinction in Indian Light Vocals.

## Awards and Honors

- Qualified for several National level creative writing competitions in India.
- Founded a committee regarding awareness and community growth in High School.
- Avid participation and various awards in intra-school and inter-school Model United Nations.